Open Data Support

Contributing to the development of the European data economy

Nikolaos Loutas, Michiel De Keyzer
PwC EU Services

Presentation metadata

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Authors:
Nikolaos Loutas, Michiel De Keyzer and Stijn Goedertier

Disclaimer

Context of Open Data Support

Open Data has a great potential to create social and economic value

Publishing data

Public administrations share data online

Developers / Companies integrate data into apps (services)

Developers / Companies search for data

Citizens/businesses benefit from the apps (services)
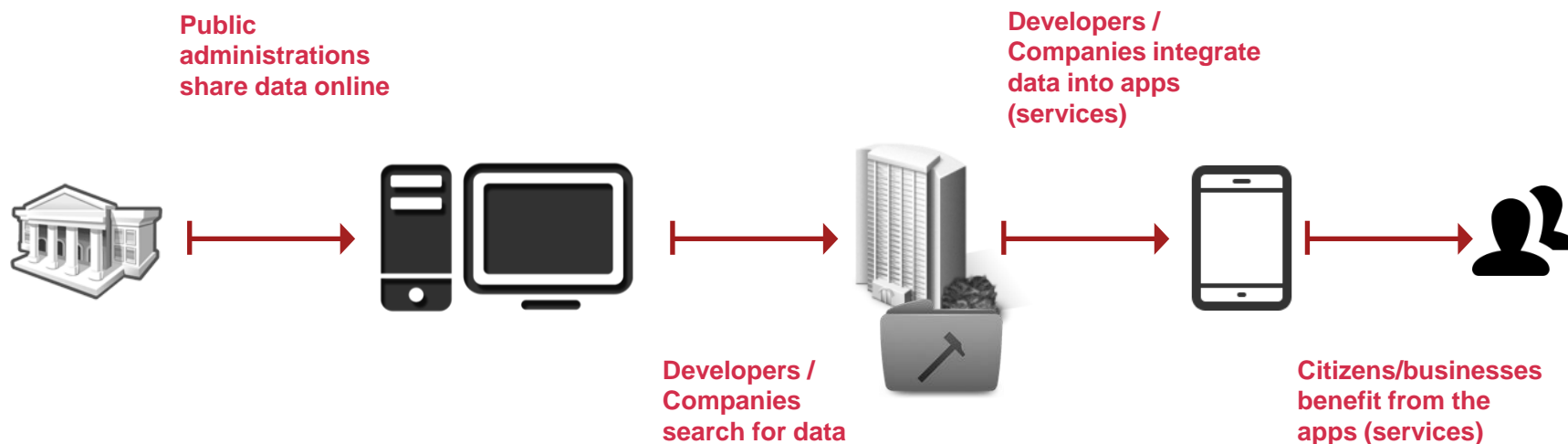
Reusing data

There are more than 150 portals in Europe hosting Open Government Data
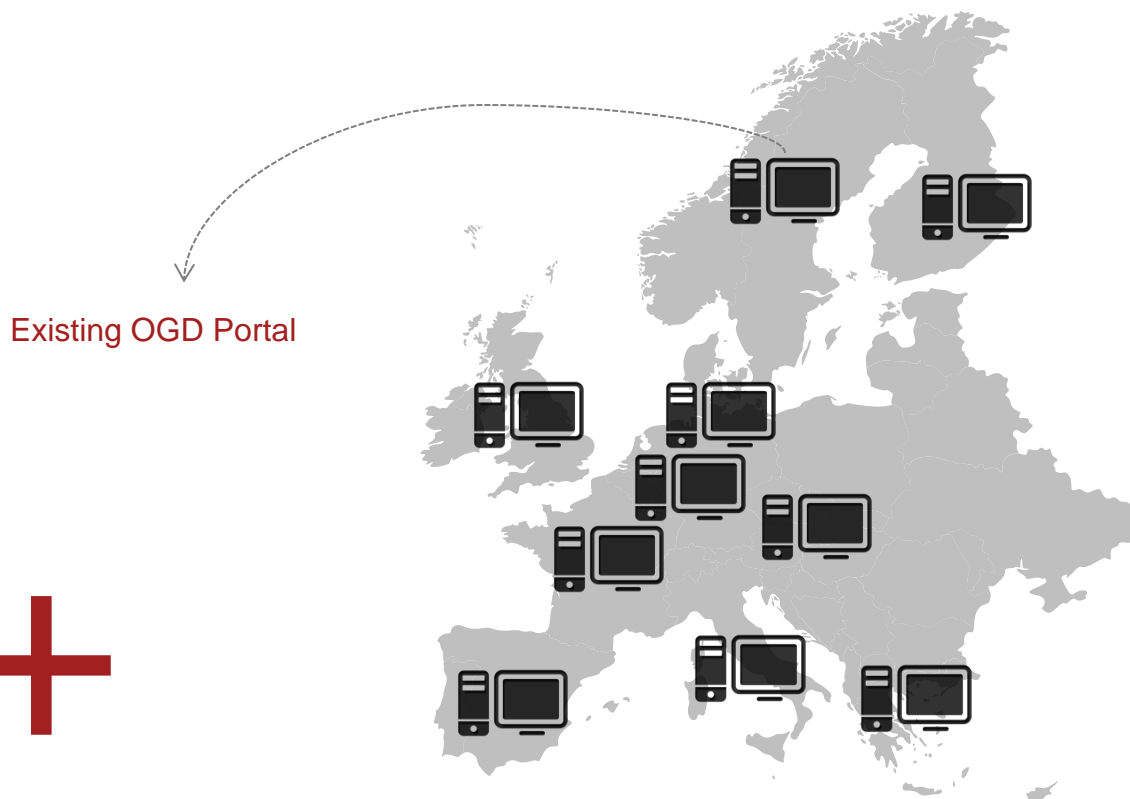
Existing OGD Portal

150+

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Limited accessibility and lack of (cross-border/sector) awareness of open datasets

Different metadata vocabularies

+

Limited accessibility and lack of awareness

=

Limited reuse of open datasets
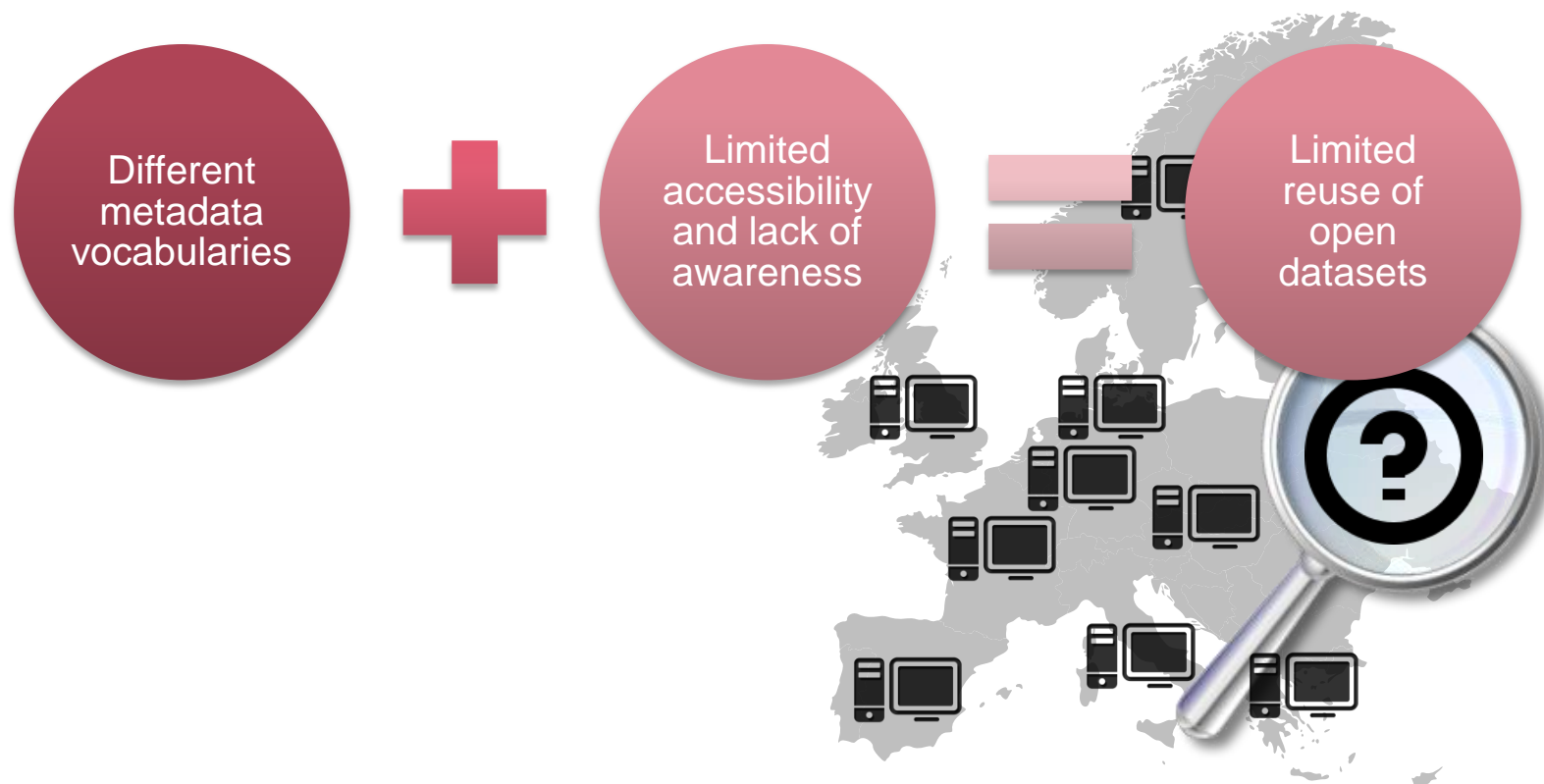
No reuse = No social and economic value

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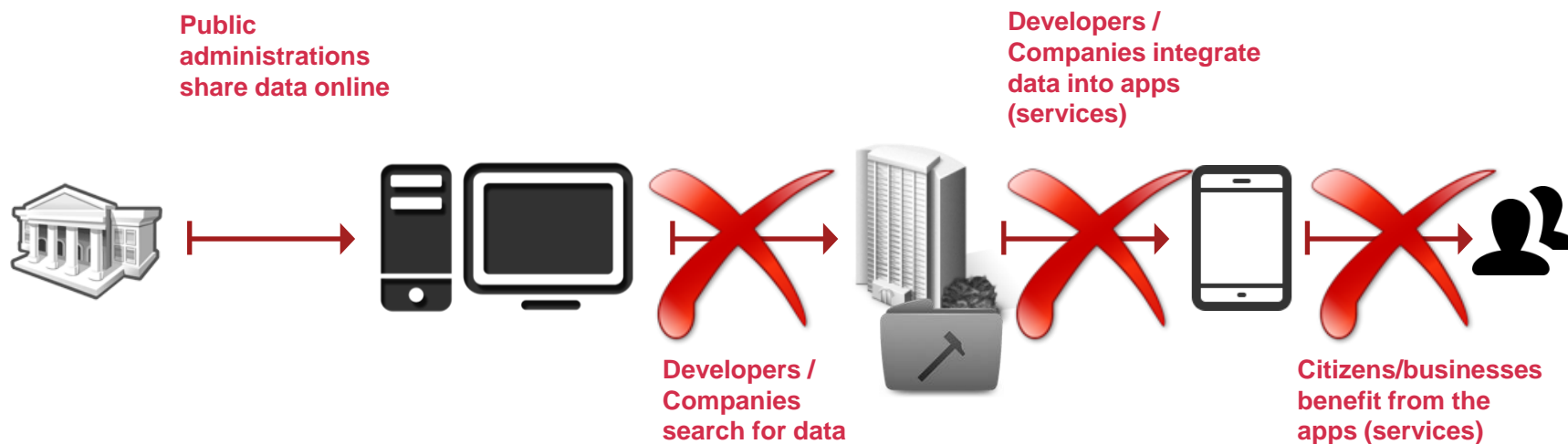
OPEN DATA SUPPORT

Open Data Support

Description of the project

Introduction

Open Data Support is

- A 36-month project that started on 1 January 2013

- Funded by Unit D3 of DG CONNECT

- Led by PwC Enterprise Advisory

- Delivered by a great team comprising also Tenforce and Makx Dekkers.

Makx Dekkers

Our mission…

To improve the *visibility* and facilitate the *access* to datasets published on local and national Open Data portals in order to increase their *reuse* within and across borders.

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How?

... by providing homogenised access to description metadata of open datasets via a single point of access

Pan-European
Data portal

ODIPP

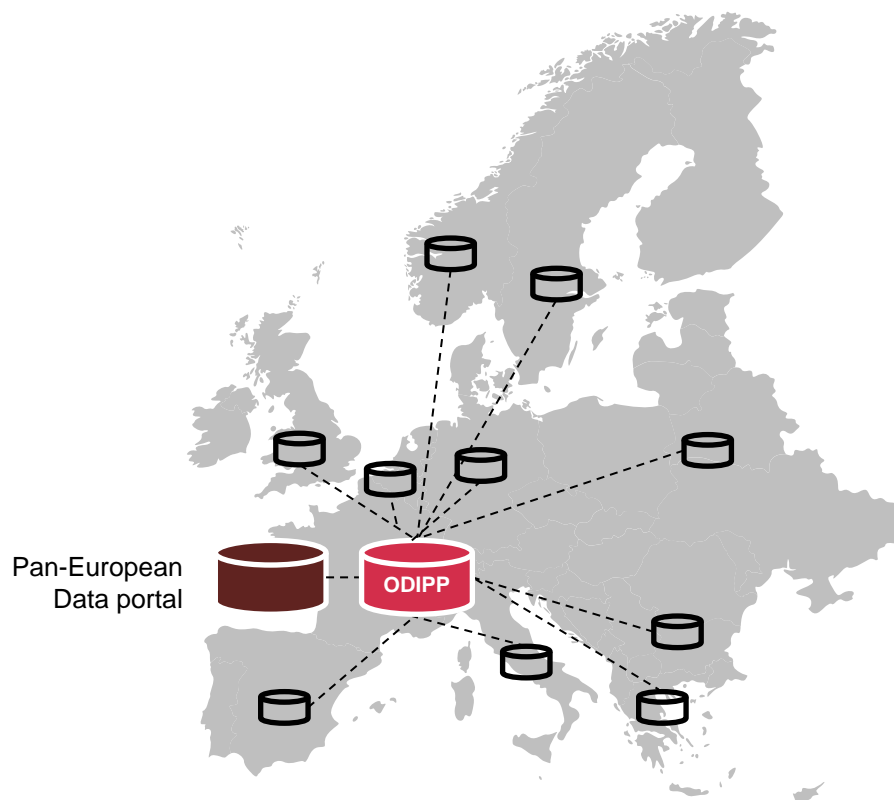# *We provide services in the area of Open Government Data*

Publishing services

We help (potential) Open Government Data publishers to prepare, transform and publish reusable metadata descriptions of their datasets.

Training services

We train public administrations across Europe on the value of (Linked) Open Government Data and help them build capacity in effectively and efficiently publishing data.

Consulting services

We provide consultancy services tailored to the needs of public administrations covering a wide spectrum of topics from IT to licensing of (Linked) Open Government Data.

We provide training services

We train public administrations across Europe on the value of (Linked) Open Government Data and help them build capacity in effectively and efficiently publishing data.

Target audience	Policy makers and government officials	Government IT strategists	Government software engineers
What will you learn?	Comprehend and formulate the added value of Linked Open Government Data for your domain.	Understand the life cycle and the publishing requirements of Linked Open Government Data.	Acquire hands-on experience on Linked Government Open Data technologies.

Our training services

All trainings will be freely available online through Joinup.

We provide onsite trainings adapted to your needs.

Online training

Onsite training

Find more on: ***training.opendatasupport.eu***

Our main achievements

Metadata publishing services

- We have put the Open Data Interoperability Platform (ODIP) into operations. ODIP supports metadata harvesting, harmonisation and publishing.

- We have harvested so far 10 open data catalogs.
  ± 60.000 descriptions of datasets – harmonised according to the DCAT-AP – are currently accessible via ODIP.

- More national data portals in the pipeline.

Training services

- We have deployed a popular online training service on Joinup and slideshare – the number of visitors is steadily increasing.

- We have delivered 10 onsite trainings; 15-18 trainings planned to be delivered in 2014.

High-value datasets

Value-based prioritising opening-up of public sector information

What is a dataset?

"A collection of data, published or curated by a single agent, and available for access or download in one or more formats."
- Data Catalogue Vocabulary (DCAT) - W3C

Example:

- European Banking Authority - Credit Institutions Register
  (URI: https://eportal.eba.europa.eu/cir/)

- % of persons employed with ICT user skills
  (URI: http://ec.europa.eu/eurostat/product?code=isoc_ic_biski)

See also:
Data Catalog Vocabulary (DCAT)
http://www.w3.org/TR/2014/REC-vocab-dcat-20140116/#class-dataset

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What is high-value data?

Several dimensions can be considered in the selection process of Linked Open Government Data, both from the publisher's and the re-user's point of view:

- **Transparency:** Does the publication of the dataset increase transparency and openness of the government towards its citizens?

- **Legal requirements**: Is there a law that makes open publication mandatory or is there no specific obligation?

- **Relation to public task:** Is the data the direct result of the primary public task of government or is it a product of a non-essential activity?

- **Current status of open publication:** Is the data already openly available or does it still need to be opened up?

- **Type of value:** Is the data useful for social engagement or does it have commercial value?

- **Audience:** Is the data primarily intended for the public or is it primarily aimed at back-office integration?

Transparency

In some cases the publication of a dataset can increase the transparency and openness of the government towards its citizens, e.g.:

• Parliaments' data, such as election results.

• The way governmental budgets are spent.

• Staff cost of public administrations

All the above-mentioned examples contribute to the transparency of the way public administrations are working.

Legal requirements

*Some data may be **covered by a law or regulation** that mandates its open publication, e.g.:*

- Text of laws, directives, regulations etc.

- Proposals and proceedings of parliament and committees.

- Election results.

- Public budgets and expenditures.

- Invitations to tender and contract awards.

*Other data may be the **by-product of government activity** and would be useful for citizens and business to have access to, e.g.:*

- Condition of infrastructure and public spaces (roads, trees) .

- Timetables of public transport and schedules of garbage collection.

Relation to public task

*Some data may be **the direct result of the primary public task** of government, for example the functions listed in COFOG, e.g.:*

- Executive, legislative organs, financial/fiscal affairs etc.).
- Public order and safety.
- Environmental protection.
- Health.
- Culture.
- Education.

*Other data produced by government are **non-essential** (they could be – and sometimes are – provided by the private sector) e.g.:*

- Mapping for navigation (cf. Google Street View)
- Weather forecasts (cf. Weather Channel)

Status of openness

*Some data is **already published** openly and electronically, e.g. (in some countries):*

- Cadastral information.

- Topographic maps.

- Traffic information.

- Weather forecasts.

Other data may still be hidden from the public (maybe because it is hard to publish or includes personal data, sensitive data or is partly subject to third-party licensing).

Type of value

*Some data may have primarily **societal value**, e.g.:*

- Laws and parliamentary data (e.g. voting records of representatives)
- Pre-election information (e.g. programmes of political parties)
- eDemocracy and eParticipation (e.g. public consultations)

*Other data may have more **commercial value** (business model), e.g.:*

- Road maps, real-time traffic information

- Real-time weather information

- Business information

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Type of audience

*Some data is aimed at **society** (citizens and business), e.g.:*

- Legal information.

- eDemocracy, eParticipation and public consultation.

- Procurement.

*Other data are focused on **internal usage or for integration in the back office**, e.g.:*

- Various sources that are used for law enforcement.

- Service performance indicators.

- Job descriptions of civil servants.

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Size of audience

Some data are aimed at **large audiences** *and* **mass markets***, e.g.:*

- Traffic information.

- Public transport.

- Election data.

Other data are essential for **small groups of people** *and* **niche markets***, e.g.:*

- Information about facilities and financial support for people with special needs.

- Economic statistics.

- Court decisions.

High value from a re-users perspective

*From a re-user's perspective, the value of a dataset depends primarily on its **use and re-use potential**, which can effectively lead to the generation of (new) **business models.***

The use and re-use potential of a dataset is defined by:

- The size and the dynamics of the target audience of the dataset; and

- The number of new and existing systems and services that are using the dataset.

*Opening up datasets with a high use and re-use potential leads to the **creation of new products and/or services** that have direct or indirect **economic or social impact** and/or positive **economic externalities**.*

Maturity of a high-value dataset
the journey from open to linked open data
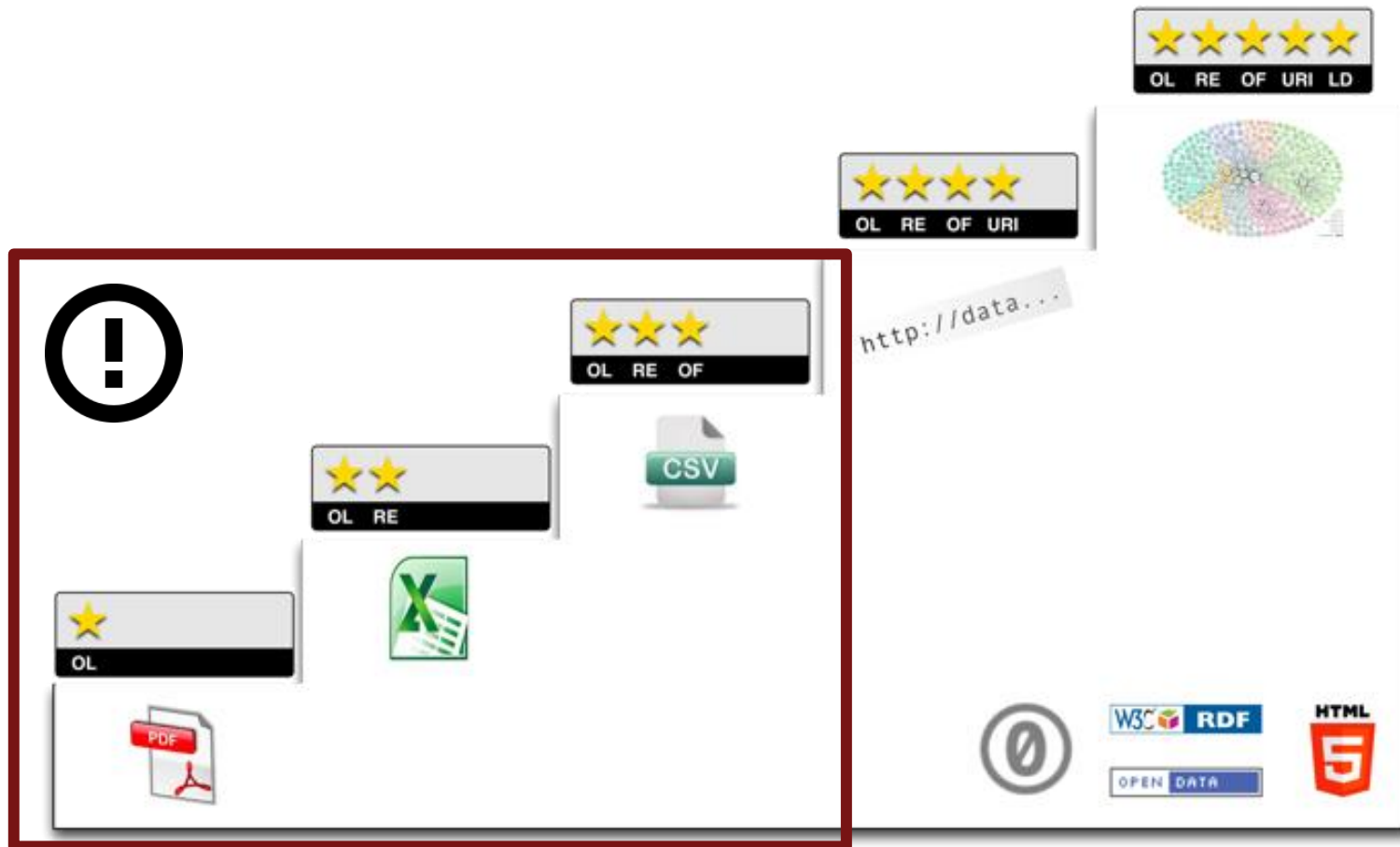
High-value datasets - examples

- Tendering information (TED)

- Election & Parliament data

- Financial Transparency System (FTS)

- Commission staff directory

- Statistics (Eurostat)

- Legislation (EUR-Lex)

- …

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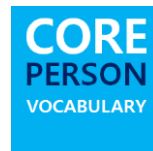**Project Officer:
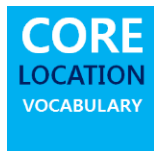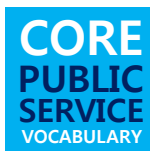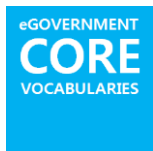Daniele.RIZZI@ec.europa.eu**

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Have you heard about the SEMIC project?

Visit semic.eu and know more about ISA Action 1.1 on semantic interoperability.

Project Officer: Vassilios.PERISTERAS@ec.europa.eu

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